

Amendments to the Specification:

Please amend the paragraph bridging from page 6, line 8 to page 7, line 7 as follows:

Water soluble conducting polymers, disclosed in, for example, Japanese Unexamined Patent Application, First Publication No. S61-197633, Japanese Unexamined Patent Application, First Publication No. S63-39916, Japanese Unexamined Patent Application, First Publication No. H01-301714, Japanese Unexamined Patent Application, First Publication No. H05-504153, Japanese Unexamined Patent Application, First Publication No. H05-503953, Japanese Unexamined Patent Application, First Publication No. H04-32848, Japanese Unexamined Patent Application, First Publication No. H04-328181, Japanese Unexamined Patent Application, First Publication No. H06-145386, Japanese Unexamined Patent Application, First Publication No. H06-56987, Japanese Unexamined Patent Application, First Publication No. H05-226238, Japanese Unexamined Patent Application, First Publication No. H05-178989, Japanese Unexamined Patent Application, First Publication No. H06-293828, Japanese Unexamined Patent Application, First Publication No. H07-118524, Japanese Unexamined Patent Application, First Publication No. H06-32845, Japanese Unexamined Patent Application, First Publication No. H06-87949, Japanese Unexamined Patent Application, First Publication No. H06-256516, Japanese Unexamined Patent Application, First Publication No. H07-41756, Japanese Unexamined Patent Application, First Publication No. H07-48436, Japanese Unexamined Patent Application, First Publication No. H04-268331, Japanese Unexamined Patent Application, First Publication No. H09-59376, Japanese Unexamined Patent Application, First Publication No. 2000-191774 ~~2000-172384~~, Japanese Unexamined Patent Application, Japanese Unexamined Patent Application, First Publication No. H06-49183 and Japanese Unexamined Patent

Application, First Publication No. H10-60108, are preferably used as a water soluble conducting polymer having at least one of a sulfonic acid group and a carboxyl group.